

APPENDIX A

Changes to the Claims

The rewritten claims were revised as follows:

7. (thrice amended) [The lamphead of claim 1, further comprising:] A lamphead for use in semiconductor processing, comprising:
a monolithic member;
a plurality of lamp receptacles and reflector cavities formed in the monolithic member, each lamp receptacle adapted to support a lamp and each reflector cavity shaped to act as a reflector for the lamp;
at least one lampholder having receptacles for outer leads of a lamp;
a ferrofluid; and
one or more magnets disposed about the lampholder and maintaining position of the ferrofluid near the receptacles;
such that when outer leads of a lamp are inserted into the lampholder receptacles, the ferrofluid surrounds the outer leads thereby suppressing arcing between the outer leads.
13. (thrice amended) [The semiconductor processing system of claim 9, further comprising:] A semiconductor processing system, comprising:
a process chamber having a support on which a substrate may be positioned during processing;
a monolithic lamphead having a plurality of lamp receptacles and reflector cavities formed therein, each lamp receptacle adapted to support a lamp and each reflector cavity shaped such that the lamps direct radiant energy onto a substrate on the support;
at least one lampholder having receptacles for outer leads of a lamp;
a ferrofluid; and
one or more magnets disposed about the lampholder and maintaining position of the ferrofluid near the receptacles;
such that when outer leads of a lamp are inserted into the lampholder receptacles, the ferrofluid surrounds the outer leads thereby suppressing arcing between the outer leads.

.19. (thrice amended) [The apparatus of claim 15, further comprising:] An apparatus for processing a substrate, comprising:
a process chamber having a support on which a substrate may be positioned during processing;
a monolithic lamphead having a plurality of lamp receptacles and reflector cavities formed therein, each lamp receptacle adapted to support a lamp and the reflector cavities shaped such that the lamps direct radiant energy onto a substrate on the support;
at least one lampholder having receptacles for outer leads of a lamp;
a ferrofluid; and
one or more magnets disposed about the lampholder and maintaining position of the ferrofluid near the receptacles;
such that when outer leads of a lamp are inserted into the lampholder receptacles, the ferrofluid surrounds the outer leads thereby suppressing arcing between the outer leads.